

# **APPENDIX M**

## **EXCEEDANCE TRACKING SYSTEM**



## **INTRODUCTION:**

This appendix contains information on the number and types of total dissolved gas exceedances of the highest 12-hour averages. This information can be found at <http://www.nwd-wc.usace.army.mil/tmt/documents/ops/spill/> as supporting information provided to TMT every two weeks. The following information provides an explanation on how to interpret the tables.

### Table M-2 Explanation:

The following information explains the differences in the physical appearance of the high 12 hour averages numbers on Table M-2.

Regular font = no exceedance occurred

**Bold large font** = exceedance of the 115 or 120% TDG levels.

**Bold large font with gray cell** = exceedance of the 125% TDG levels.

### Table M-3 Explanation:

Table M1 provides the code numbers used to track the types of exceedances that occurred and are shown on Tables M-3.

**TABLE M-1**  
**TYPES OF EXCEEDANCE TRACKING**

TYPE #	DEFINITION
1	Exceedance due to high runoff flows and flood control efforts.
2	Exceedance due to Intertie line outages.
3	Exceedance due to unit outages during repair or maintenance.
4	Exceedance due to BPA inability to handle load so water was spilled.
5	Exceedance due to a break down in communication. Teletype went out but no change occurred or Project operator interpreted teletype differently than what was intended.
6	Exceedance due to uncertainties when using best professional judgment to apply the spill guidance criteria (travel time; degassing; water temperature effects; spill patterns).
7	Exceedance due to high TDG levels coming from the Priest Rapids Dam(see Pasco FMS readings).
8	Exceedance due to a load rejection. The powerhouse was not working and the river was spilled.
9	Exceedance due to lack of information: the FMS gage malfunctioning and we had no information at the time of making spill change decisions.
10	Exceedance due to mechanical problems (gate was stuck open, passing debris etc.).
11	Exceedance due to high TDG levels coming from the Ice Harbor Dam.
12	Exceedance due to sharp rise in water temperature (a 3 to 5 degree F. change in a day).

**TABLE M-2**  
**AVERAGE % TDG FOR 12 HIGHEST HOURS**  
**FOR APRIL 2003**

	Chief Joseph FB	Chief Joseph TW	Low Gran FB	Low Gran TW	Little Goos FB	Little Goos TW	Low Monu FB	Low Monu TW	Ice Harb FB	Ice Harb TW	McNar FB-W	McNar FB-O	McNar TW	John Day FB	John Day TW	The Dalle FB	The Dalles TW	BON FB	WRNO TW	Cama FB
DATE	12 HR AVE	12 HR AVE	12 HR AVE	12 HR AVE	12 HR AVE	12 HR AVE	12 HR AVE	12 HR AVE	12 HR AVE	12 HR AVE	12 HR AVE	12 HR AVE	12 HR AVE	12 HR AVE	12 HR AVE	12 HR AVE	12 HR AVE	12 HR AVE	12 HR AVE	
4/3/03	N/A	N/A	spill begins	spill begins																
4/4/03	N/A	103.2	102.4	110.2																
4/5/03	N/A	102.9	101.0	118.2	spill begins	spill begins														
4/6/03	N/A	102.6	99.8	118.8	103.7	116.1														
4/7/03	N/A	103.4	102.2	118.4	105.9	116.7	spill begins	spill begins												
4/8/03	N/A	104.5	103.2	119.1	108.1	118.1	108.9	117.6												
4/9/03	N/A	104.4	102.6	119.3	108.3	117.1	111.8	117.3	spill begins	spill begins										
4/10/03	N/A	103.8	105.1	118.7	110.2	116.0	114.3	118.3	110.3	113.5										
4/11/03	N/A	103.9	105.4	118.3	109.9	117.0	114.5	118.0	114.4	113.5										
4/12/03	N/A	103.9	104.7	118.8	111.3	117.2	114.2	118.1	116.7	114.0										
4/13/03	N/A	104.6	104.4	118.8	112.6	117.1	115.4	118.3	115.8	114.3										
4/14/03	104.8	105.2	102.6	114.4	111.2	116.3	114.9	117.7	114.0	114.4	spill begins	spill begins	spill begins							
4/15/03	104.5	104.9	101.9	109.5	109.4	115.3	113.5	118.0	112.2	115.0	106.7	107.4	117.2	103.9	117.0	108.3	114.9	103.0	112.7	109.3
4/16/03	104.3	104.1	102.0	113.5	109.5	115.7	113.3	118.3	112.5	114.3	107.2	109.4	117.5	104.3	118.2	110.6	115.9	108.9	117.4	111.9
4/17/03	104.4	104.9	102.0	118.2	109.0	115.9	112.9	118.1	113.5	114.7	108.1	107.6	118.4	105.0	118.3	110.5	116.5	112.5	119.2	115.1
4/18/03	103.8	103.1	102.1	118.1	106.8	115.3	112.1	118.1	112.8	114.0	105.8	107.9	118.4	103.9	117.4	107.7	115.2	110.2	118.6	114.7
4/19/03	103.5	102.9	103.5	118.2	107.0	115.4	110.7	118.0	114.7	113.7	107.2	108.9	119.6	107.2	117.5	110.6	116.4	110.9	119.1	115.1
4/20/03	105.2	104.7	104.1	115.0	108.9	115.9	111.8	118.7	115.0	113.6	109.0	108.2	119.1	109.6	117.5	111.6	116.9	114.1	117.5	116.1
4/21/03	105.6	104.9	104.1	110.9	109.5	115.7	113.2	118.8	116.3	113.8	109.6	109.8	118.1	108.8	117.9	111.8	117.3	112.4	117.6	114.1
4/22/03	105.8	105.6	104.6	114.4	110.4	115.6	113.0	118.7	115.7	115.3	109.5	109.2	119.5	108.3	117.8	109.4	116.0	109.2	117.6	114.5
4/23/03	105.8	105.6	105.7	118.6	111.0	115.6	112.4	118.8	114.1	114.4	108.5	109.2	120.3	109.7	118.0	111.8	117.8	110.4	117.6	113.6
4/24/03	105.6	105.9	103.8	114.5	110.1	115.1	112.4	118.1	113.0	114.2	108.0	107.3	119.5	110.0	117.7	112.4	117.5	111.7	115.9	113.6
4/25/03	105.4	105.3	103.2	109.8	109.7	115.2	112.6	119.0	114.0	114.7	110.9	109.3	119.5	109.6	117.3	113.1	117.4	112.7	116.7	112.9
4/26/03	105.7	105.2	102.3	113.4	108.7	115.3	111.6	118.1	112.3	114.5	110.6	109.3	121.1	108.5	118.2	113.3	118.4	113.9	116.7	115.3
4/27/03	105.2	104.7	103.2	118.4	108.0	115.5	111.0	119.3	113.1	114.7	111.5	111.9	120.5	110.1	117.5	114.4	117.8	114.2	116.7	116.9
4/28/03	106.1	105.6	104.0	115.1	107.7	115.7	112.9	119.6	116.0	114.7	111.1	110.6	120.1	110.2	117.3	114.6	119.1	115.9	119.3	116.3
4/29/03	106.3	105.9	104.1	110.5	109.4	116.0	113.4	119.0	114.9	114.7	113.8	113.9	119.1	109.9	116.8	113.5	117.8	115.7	119.3	117.2
4/30/03	106.2	105.6	104.0	110.3	109.4	115.6	112.7	118.8	114.5	114.0	112.7	113.5	118.9	109.8	117.4	112.4	117.1	115.0	118.2	116.5

**TABLE M-2**  
**AVERAGE % TDG FOR 12 HIGHEST HOURS**  
**FOR MAY 2003**

	Chief Joseph FB	Chief Joseph TW	Low Gran FB	Low Gran TW	Little Goos FB	Little Goos TW	Low Monu FB	Low Monu TW	Ice Harb FB	Ice Harb TW	Mc Nar FB-W	Mc Nar FB-O	Mc Nar TW	John Day FB	John Day TW	The Dalle FB	The Dalles TW	BON FB	WRNO TW	Cama FB
DATE	12 HR AVE	12 HR AVE	12 HR AVE	12 HR AVE	12 HR AVE	12 HR AVE	12 HR AVE	12 HR AVE	12 HR AVE	12 HR AVE	12 HR AVE	12 HR AVE	12 HR AVE	12 HR AVE	12 HR AVE	12 HR AVE	12 HR AVE	12 HR AVE	12 HR AVE	
5/1/03	105.9	105.3	104.1	110.3	110.1	116.1	112.3	119.0	<b>115.0</b>	113.5	114.8	114.7	119.2	112.3	117.6	113.1	117.8	113.3	117.3	<b>116.2</b>
5/2/03	107.1	106.8	105.9	115.0	110.2	116.6	112.9	119.5	<b>116.1</b>	114.4	<b>115.7</b>	<b>117.1</b>	119.2	<b>115.0</b>	118.8	114.0	117.5	<b>116.0</b>	116.2	<b>116.8</b>
5/3/03	107.8	107.3	104.4	119.2	110.6	116.3	<b>115.1</b>	118.5	<b>116.3</b>	114.3	<b>115.9</b>	114.3	118.9	114.4	118.0	113.5	117.2	114.7	114.8	113.6
5/4/03	106.9	106.6	103.7	115.2	109.7	115.7	114.1	117.9	114.6	113.3	114.0	113.3	118.6	112.7	117.5	113.3	116.2	111.8	113.6	111.1
5/5/03	106.2	105.8	102.3	110.3	107.4	115.2	111.2	117.5	110.7	112.3	108.6	108.9	118.4	110.5	118.8	111.2	116.1	110.9	114.8	112.4
5/6/03	106.4	105.8	101.5	113.3	107.0	115.2	110.7	118.3	110.7	113.9	107.7	108.5	119.3	109.9	118.4	112.1	116.7	113.1	114.6	113.9
5/7/03	106.5	106.1	102.6	118.4	108.0	116.0	111.3	117.8	113.6	114.4	109.5	110.9	119.5	109.1	118.1	111.4	116.7	112.9	115.1	113.5
5/8/03	106.4	106.1	103.3	118.4	108.5	116.7	112.1	118.6	<b>115.6</b>	113.7	112.8	113.0	119.7	108.3	118.2	110.2	115.4	112.2	115.6	113.2
5/9/03	106.4	105.8	103.2	118.3	108.1	116.3	112.9	118.5	<b>116.1</b>	112.9	113.7	112.8	119.6	106.8	118.4	111.3	116.3	109.3	115.0	111.6
5/10/03	106.6	105.8	103.3	114.8	108.7	115.9	112.5	119.0	<b>115.0</b>	113.7	114.8	113.4	118.8	108.4	117.6	112.8	117.1	109.4	117.9	114.6
5/11/03	106.8	106.3	104.4	110.8	109.6	115.3	113.7	119.2	<b>115.3</b>	114.1	114.1	114.3	118.5	109.4	117.9	110.6	116.0	111.6	118.6	<b>116.6</b>
5/12/03	107.2	106.6	103.6	114.3	109.8	116.2	114.0	118.3	<b>115.2</b>	113.6	114.7	113.6	119.0	109.9	118.0	111.4	116.0	111.9	115.3	<b>115.0</b>
5/13/03	107.2	106.9	105.0	118.8	111.9	115.9	112.9	119.2	<b>118.0</b>	113.5	<b>115.0</b>	114.7	<b>120.2</b>	114.0	117.1	113.8	117.0	112.2	115.8	<b>116.2</b>
5/14/03	107.6	107.3	104.3	114.3	111.6	115.6	<b>115.0</b>	119.8	<b>116.0</b>	114.4	113.1	112.1	<b>120.7</b>	113.2	118.9	114.5	118.3	113.3	117.9	<b>115.0</b>
5/15/03	107.5	107.1	103.3	109.8	109.1	115.1	114.4	118.7	<b>115.4</b>	115.0	111.1	111.0	119.7	112.6	118.4	112.4	116.6	111.4	116.9	112.7
5/16/03	106.6	106.3	102.8	113.0	107.4	114.4	111.3	118.5	112.3	114.7	108.8	109.5	119.6	109.7	118.3	114.7	117.8	110.8	117.2	111.8
5/17/03	106.1	105.7	101.5	116.8	105.6	114.1	110.8	118.7	111.6	114.0	107.3	107.9	119.6	108.8	117.8	110.1	115.8	111.8	118.0	111.7
5/18/03	105.7	105.3	100.7	113.6	104.4	115.3	109.9	118.5	111.7	113.9	107.6	109.9	119.3	106.5	117.8	110.0	115.8	110.6	115.1	112.4
5/19/03	105.3	104.9	102.3	108.8	106.2	115.8	112.0	119.9	113.6	114.4	110.5	110.2	119.3	108.0	117.3	113.8	117.6	111.5	115.5	110.4
5/20/03	106.6	106.1	102.5	113.4	107.7	116.5	112.4	119.6	<b>115.3</b>	113.7	111.2	110.9	119.7	107.3	117.1	112.9	117.4	114.7	119.4	<b>115.1</b>
5/21/03	106.9	115.1	105.5	117.9	109.1	116.1	113.5	<b>120.4</b>	<b>116.7</b>	114.1	113.8	<b>116.4</b>	<b>120.2</b>	108.2	117.1	111.6	116.6	<b>115.2</b>	119.1	<b>116.9</b>
5/22/03	106.7	108.9	106.3	114.7	108.9	115.8	113.4	119.9	<b>117.4</b>	114.3	<b>115.7</b>	<b>115.7</b>	<b>120.1</b>	110.6	117.7	112.1	116.7	<b>115.8</b>	116.7	<b>115.7</b>
5/23/03	107.2	106.7	107.0	110.7	110.3	115.1	<b>115.3</b>	<b>120.0</b>	<b>117.5</b>	115.5	<b>117.2</b>	<b>115.9</b>	119.6	<b>115.5</b>	118.0	<b>116.4</b>	118.7	114.6	116.1	<b>115.5</b>
5/24/03	109.0	108.1	106.9	110.2	113.6	115.0	<b>115.8</b>	<b>120.5</b>	<b>117.9</b>	116.5	<b>117.4</b>	<b>116.3</b>	119.8	<b>115.9</b>	118.7	<b>117.0</b>	119.3	<b>116.7</b>	118.8	<b>115.2</b>
5/25/03	108.4	107.9	105.0	117.2	112.3	114.3	112.9	118.2	<b>116.0</b>	116.7	<b>116.6</b>	<b>116.7</b>	119.4	<b>115.5</b>	117.7	113.4	117.9	114.5	117.5	114.4
5/26/03	108.3	107.5	102.5	<b>123.3</b>	108.4	114.7	112.7	119.2	112.7	117.9	114.7	<b>115.1</b>	119.2	114.9	118.3	114.2	117.9	113.7	115.3	113.5
5/27/03	108.6	107.4	105.5	<b>127.0</b>	114.6	117.9	111.7	<b>121.7</b>	113.3	119.9	114.1	113.2	119.2	114.0	119.1	<b>115.2</b>	119.4	<b>115.3</b>	116.0	113.7
5/28/03	109.7	112.2	107.8	<b>127.6</b>	<b>118.5</b>	119.1	<b>116.8</b>	<b>123.5</b>	114.0	119.1	114.4	113.1	119.4	N/A	118.9	<b>115.4</b>	119.0	<b>117.0</b>	118.8	<b>115.7</b>
5/29/03	110.0	109.2	108.2	<b>127.8</b>	<b>120.7</b>	<b>123.0</b>	<b>119.6</b>	<b>126.5</b>	<b>116.6</b>	<b>121.2</b>	<b>116.2</b>	<b>116.8</b>	<b>122.7</b>	N/A	116.9	<b>115.2</b>	119.4	<b>117.1</b>	<b>122.7</b>	<b>121.3</b>
5/30/03	109.6	109.0	107.4	<b>131.3</b>	<b>121.0</b>	<b>123.5</b>	<b>123.7</b>	<b>126.4</b>	<b>118.9</b>	<b>121.9</b>	<b>115.0</b>	<b>115.1</b>	<b>123.0</b>	N/A	117.0	114.4	119.3	<b>116.6</b>	117.6	<b>115.4</b>
5/31/03	109.4	108.4	107.0	<b>133.7</b>	<b>123.0</b>	<b>126.7</b>	<b>124.3</b>	<b>129.2</b>	<b>119.7</b>	<b>125.9</b>	114.0	114.3	<b>122.9</b>	112.9	116.0	112.4	118.4	113.4	115.7	<b>115.7</b>

**TABLE M-2**  
**AVERAGE % TDG FOR 12 HIGHEST HOURS**  
**FOR JUNE 2003**

	Chief Joseph FB	Chief Joseph TW	Low Gran FB	Low Gran TW	Little Goos FB	Little Goos TW	Low Monu FB	Low Monu TW	Ice Harb FB	Ice Harb TW	Mc Nar FB-W	Mc Nar FB-O	Mc Nar TW	John Day FB	John Day TW	The Dalles FB	The Dalles TW	BON FB	WRNO TW	Cama FB
DATE	12 HR AVE	12 HR AVE	12 HR AVE	12 HR AVE	12 HR AVE	12 HR AVE	12 HR AVE	12 HR AVE	12 HR AVE	12 HR AVE	12 HR AVE	12 HR AVE	12 HR AVE	12 HR AVE	12 HR AVE	12 HR AVE	12 HR AVE	12 HR AVE	12 HR AVE	12 HR AVE
6/1/03	109.1	108.0	108.4	<b>131.9</b>	<b>126.9</b>	<b>124.9</b>	<b>128.7</b>	<b>127.2</b>	<b>123.3</b>	<b>125.2</b>	113.5	114.2	<b>121.2</b>	113.1	115.5	113.2	119.1	114.6	115.0	<b>115.1</b>
6/2/03	109.2	108.1	109.0	<b>126.8</b>	<b>127.0</b>	<b>121.8</b>	<b>126.1</b>	<b>124.0</b>	<b>123.5</b>	119.6	<b>117.4</b>	<b>118.2</b>	119.5	113.0	115.0	114.3	118.8	113.5	114.1	114.5
6/3/03	110.1	108.8	108.6	<b>123.8</b>	<b>124.1</b>	<b>124.1</b>	<b>123.6</b>	<b>121.5</b>	<b>122.1</b>	119.2	<b>117.5</b>	<b>118.6</b>	119.8	<b>116.2</b>	115.9	<b>115.2</b>	119.6	<b>115.3</b>	117.4	<b>116.2</b>
6/4/03	110.3	109.5	108.9	118.1	<b>120.5</b>	116.9	<b>122.6</b>	119.9	<b>120.7</b>	119.2	<b>116.6</b>	<b>117.7</b>	N/A	<b>116.6</b>	116.0	114.9	119.8	<b>117.1</b>	118.3	<b>117.4</b>
6/5/03	110.3	109.5	108.5	117.3	<b>117.9</b>	116.5	<b>120.6</b>	119.5	<b>120.0</b>	117.5	<b>117.6</b>	<b>117.6</b>	N/A	<b>118.0</b>	115.5	<b>116.2</b>	<b>120.0</b>	<b>117.5</b>	116.6	<b>116.4</b>
6/6/03	110.5	110.0	108.1	117.6	<b>116.3</b>	115.9	<b>119.5</b>	119.1	<b>119.7</b>	116.8	<b>117.2</b>	<b>119.3</b>	119.0	<b>119.0</b>	117.0	<b>117.5</b>	<b>120.4</b>	<b>118.1</b>	117.0	<b>116.3</b>
6/7/03	111.5	111.3	109.2	117.5	114.5	114.6	<b>118.0</b>	118.3	<b>119.0</b>	116.9	<b>117.6</b>	<b>118.5</b>	118.8	<b>120.5</b>	116.8	<b>118.3</b>	<b>120.9</b>	<b>118.3</b>	119.0	<b>117.7</b>
6/8/03	112.4	112.2	107.4	117.7	113.2	113.4	<b>117.3</b>	117.5	<b>117.4</b>	116.9	<b>116.7</b>	<b>117.2</b>	118.7	<b>118.7</b>	116.5	<b>116.4</b>	<b>120.2</b>	<b>116.7</b>	117.7	<b>116.1</b>
6/9/03	112.0	111.4	107.3	117.8	112.2	113.7	113.6	114.6	<b>115.4</b>	116.9	<b>115.4</b>	<b>116.1</b>	118.1	<b>115.2</b>	118.0	112.2	117.6	111.8	113.7	112.4
6/10/03	111.7	111.2	105.8	117.4	111.0	114.7	112.0	117.1	112.7	115.5	113.1	113.4	118.7	112.7	118.1	111.3	116.9	109.0	112.6	110.2
6/11/03	111.3	110.8	105.0	116.8	110.8	118.2	112.6	117.6	111.3	116.1	111.6	111.0	119.8	109.2	118.2	113.0	118.2	109.7	114.8	111.9
6/12/03	111.6	111.4	105.6	117.5	110.4	114.8	114.0	118.0	112.7	117.1	112.5	111.6	119.9	108.2	118.1	112.8	118.4	111.9	116.6	112.0
6/13/03	111.3	111.2	105.3	117.5	110.6	114.2	<b>115.8</b>	118.3	111.9	116.6	112.0	112.5	119.1	107.5	118.1	112.7	117.9	111.9	114.0	112.2
6/14/03	110.9	110.4	104.2	117.9	108.9	114.9	111.6	N/A	111.5	114.5	110.7	111.4	119.0	108.20	118.2	112.1	118.0	111.4	114.4	112.2
6/15/03	110.8	110.1	103.5	119.2	108.2	115.7	112.1	N/A	112.6	114.4	111.4	114.0	N/A	108.40	116.8	114.6	118.2	112.4	118.8	<b>115.1</b>
6/16/03	111.4	112.4	105.0	119.1	110.5	115.6	113.7	N/A	114.2	114.8	114.9	113.0	118.7	111.90	118.1	114.5	118.8	113.1	119.6	<b>117.3</b>
6/17/03	112.2	112.0	108.3	118.8	111.6	115.9	<b>115.5</b>	N/A	<b>117.4</b>	116.1	<b>115.2</b>	114.8	118.8	112.7	118.1	<b>116.1</b>	<b>120.1</b>	<b>115.4</b>	117.3	<b>116.4</b>
6/18/03	112.9	112.7	106	118.9	112.3	116.2	<b>116</b>	N/A	<b>117.6</b>	113.8	114.4	114	118.8	112	117.8	110.7	117.3	113.3	115.1	112.2
6/19/03	113.1	N/A	105.2	118.7	111	118.8	114.7	N/A	<b>115.8</b>	114.4	113.1	113.1	118.1	111.3	116.8	110.1	115.9	108.9	116.3	111.6
6/20/03			spill stops	spill stops	spill stops	spill stops	spill stops	spill stops					spill stops	spill stops	spill stops					
6/20/03	112.5	111.6	103.6	111.8	108.3	111.9	112.3	N/A	113.7	114.0	109.0	109.6	113.5	108.7	115.9	109.0	114.4	107.2	117.7	111.6
6/21/03	112.2	112.5	102.0	102.0	106.3	105.8	110.5	N/A	111.1	113.9	105.8	106.1	110.4	106.0	116.5	108.8	114.8	106.8	114.8	113.0
6/22/03	111.8	111.9	100.7	100.4	104.6	104.1	109.9	N/A	108.4	111.6	106.9	105.4	105.5	103.9	115.9	108.0	114.4	106.5	114.0	110.7
6/23/03	111.4	111.3	100.5	100.5	104.5	104.3	105.7	105.3	107.2	113.5	N/A	107.6	104.2	102.8	115.7	108.3	113.9	106.9	118.1	112.0
6/24/03	112.3	111.5	100.8	100.6	101.1	101.2	104.0	104.6	107.3	117.5	106.9	110.6	109.4	102.0	115.6	108.2	114.2	106.7	117.7	<b>115.1</b>
6/25/03	112.0	110.9	101.8	101.2	101.1	100.1	104.0	104.1	106.4	116.5	109.4	110.0	113.1	102.4	117.2	110.1	N/A	108.1	117.1	114.6
6/26/03	112.4	111.4	106.1	102.3	102.2	100.4	105.2	104.3	109.6	113.7	112.5	113.1	114.6	103.4	116.7	110.7	N/A	111.1	117.2	<b>115.0</b>
6/27/03	112.5	111.6	105.8	102.6	99.8	100.2	N/A	103.6	112.0	105.8	114.5	116.5	N/A	104.6	118.8	110.7	117.0	112.7	115.6	114.9
6/28/03	112.9	112.1	108.7	102.9	108.4	101.5	N/A	103.5	107.1	116.7	<b>116.9</b>	<b>118.0</b>	N/A	110.8	116.1	109.2	116.7	113.3	115.7	<b>115.3</b>
6/29/03	114.2	114.2	113.5	104.9	112.2	104.3	N/A	104.4	107.6	115.8	<b>116.4</b>	<b>116.8</b>	N/A	110.8	115.5	109.7	116.2	114.3	116.0	114.6
6/30/03	113.2	112.3	106.9	103.3	104.7	102.3	102.5	101.7	105.8	110.9	112.1	112.0	110.9	107.6	115.2	107.0	114.3	110.7	114.6	111.8

**TABLE M-2**  
**AVERAGE % TDG FOR 12 HIGHEST HOURS**  
**FOR JULY 2003**

	Chief Joseph FB	Chief Joseph TW	Low Gran FB	Low Gran TW	Little Goos FB	Little Goos TW	Low Monu FB	Low Monu. TW	Ice Harb FB	Ice Harb TW	Mc Nar FB-W	Mc Nar FB-O	Mc Nar TW	John Day FB	John Day TW	The Dalles FB	The Dalles TW	BON FB	WRNO TW	Cama FB
DATE	12 HR AVE	12 HR AVE	12 HR AVE	12 HR AVE	12 HR AVE	12 HR AVE	12 HR AVE	12 HR AVE	12 HR AVE	12 HR AVE	12 HR AVE	12 HR AVE	12 HR AVE	12 HR AVE	12 HR AVE	12 HR AVE	12 HR AVE	12 HR AVE	12 HR AVE	12 HR AVE
7/1/03	112.2	112.1	104.6	102.1	103.7	102.7	103.0	102.0	104.9	104.3	110.9	112.4	110.4	N/A	115.2	107.0	114.5	107.5	114.2	111.5
7/2/03	112.3	112.5	104.4	101.9	102.8	102.2	102.5	102.5	103.2	114.6	109.1	112.0	108.3	107.8	117.0	109.0	114.9	107.6	114.4	112.0
7/3/03	112.5	112.1	103.9	101.6	102.4	102.5	102.6	102.1	103.1	113.8	109.3	112.6	107.8	107.1	115.5	109.8	116.4	108.1	114.0	111.7
7/4/03	112.9	113.7	102.9	100.5	101.8	102.1	102.6	102.4	104.3	111.4	109.2	113.1	108.1	106.3	114.2	109.2	115.7	107.4	110.8	110.5
7/5/03	113.9	113.2	102.2	99.8	102.4	102.2	104.2	102.9	103.5	113.9	111.7	<b>115.6</b>	110.0	105.4	114.3	106.5	114.5	106.4	113.5	111.1
7/6/03	113.8	113.1	103.5	99.7	103.6	102.9	104.5	103.7	103.6	113.7	114.3	<b>115.5</b>	111.2	104.1	112.6	105.4	114.0	107.0	113.7	111.9
7/7/03	114.3	113.9	105.9	101.0	111.0	104.6	104.9	104.0	107.3	108.6	<b>115.3</b>	<b>117.6</b>	110.7	104.3	112.8	108.2	114.8	106.8	111.4	110.6
7/8/03	114.6	114.3	104.9	100.6	102.2	101.7	102.8	102.1	103.0	102.3	107.3	108.3	106.5	103.1	116.0	104.9	112.5	105.2	112.7	108.9
7/9/03	112.4	111.8	105.8	100.9	101.8	101.0	103.5	103.2	104.4	115.7	109.3	110.1	106.7	N/A	116.8	108.7	115.5	107.1	112.1	110.7
7/10/03	112.1	111.6	108.0	101.5	102.2	101.5	106.2	104.0	106.7	110.4	108.8	111.1	105.9	N/A	115.1	110.7	117.4	110.1	115.2	112.8
7/11/03	112.6	112.5	107.4	100.3	105.5	100.8	105.1	103.3	104.6	113.9	108.9	<b>115.3</b>	108.3	103.6	114.5	106.5	114.6	110.0	115.3	113.8
7/12/03	112.4	112.2	104.8	100.7	100.2	99.4	104.0	102.7	104.2	113.9	111.7	112.6	110.3	103.7	116.7	106.4	113.5	108.8	116.1	111.9
7/13/03	111.2	111.6	102.1	101.4	98.9	98.7	101.9	101.2	102.1	113.9	109.0	108.8	108.7	102.8	116.5	106.5	114.6	106.3	115.4	111.3
7/14/03	111.0	110.7	106.3	102.3	100.8	100.4	101.8	101.8	102.5	113.8	108.7	110.6	107.9	102.7	115.8	107.5	116.2	106.7	111.9	110.2
7/15/03	112.0	111.7	106.9	115.9	103.6	101.3	102.9	101.7	102.3	115.1	110.8	<b>115.3</b>	109.1	102.9	113.7	107.0	115.3	109.1	115.2	110.4
7/16/03	111.8	111.9	104.5	102.3	99.4	99.1	100.5	99.9	102.0	109.1	108.1	110.2	107.6	102.3	114.8	104.5	113.4	107.5	113.0	109.2
7/17/03	110.1	110.3	105.6	101.9	101.8	99.9	102.2	100.8	103.1	104.7	111.8	111.3	109.2	103.9	117.3	106.5	114.0	106.8	115.1	111.8
7/18/03	110.4	110.2	107.1	103.3	104.1	101.1	103.6	101.9	103.2	111.5	112.8	113.4	109.2	102.1	114.8	109.8	116.7	107.4	114.4	111.7
7/19/03	110.8	111.3	107.8	103.5	104.5	101.9	101.9	100.5	104.2	113.7	111.3	<b>116.7</b>	108.8	101.9	113.5	106.0	114.0	108.3	113.3	110.2
7/20/03	110.8	112.0	105.3	103.3	103.0	101.9	100.1	100.2	103.9	114.2	111.5	<b>115.2</b>	109.0	102.4	114.5	104.9	113.8	106.8	111.0	108.3
7/21/03	110.6	110.8	107.8	103.6	105.9	101.7	103.7	101.2	105.4	112.8	111.5	<b>115.7</b>	109.4	103.0	114.3	106.5	114.8	108.3	113.5	109.1
7/22/03	111.3	111.7	108.9	104.3	107.8	101.9	106.0	102.3	107.8	112.8	112.9	<b>115.9</b>	110.1	104.2	117.1	106.9	114.7	109.0	114.1	108.2
7/23/03	111.1	111.3	109.3	104.3	104.6	102.1	103.2	102.8	105.6	114.7	111.5	<b>115.2</b>	109.8	103.8	115.4	109.1	115.0	106.9	113.7	109.7
7/24/03	110.6	110.8	107.3	103.6	102.9	102.9	102.0	102.4	106.8	112.4	109.3	112.6	108.9	104.1	116.8	106.3	114.1	104.4	114.3	111.3
7/25/03	109.9	110.0	106.5	103.5	103.3	102.8	103.5	102.2	102.7	113.2	108.2	110.8	108.3	104.2	117.0	107.5	114.8	103.8	113.2	110.0
7/26/03	109.5	109.3	106.8	102.9	104.7	102.5	102.1	101.2	101.7	113.3	109.4	113.0	109.3	103.7	114.3	108.4	114.9	103.6	110.9	108.5
7/27/03	109.8	109.3	107.4	102.5	105.6	102.4	104.3	101.7	104.2	114.5	108.7	108.6	107.8	103.2	113.5	105.8	114.8	104.9	112.9	111.2
7/28/03	110.2	109.5	107.6	102.2	105.3	102.1	105.3	102.2	103.6	113.8	110.0	114.3	108.0	103.3	113.8	108.6	114.5	106.0	111.4	111.1
7/29/03	110.2	109.7	108.2	102.0	106.1	102.2	105.2	102.3	104.7	113.0	113.5	<b>116.3</b>	109.0	104.1	114.7	108.0	114.1	108.8	114.8	113.2
7/30/03	111.0	110.4	108.0	105.2	105.4	102.2	104.9	102.9	105.2	112.2	113.3	<b>115.9</b>	109.2	103.6	114.0	108.5	115.8	109.2	114.4	112.9
7/31/03	109.7	109.7	107.2	102.8	102.6	101.8	102.6	102.3	102.9	112.7	111.9	114.9	108.8	103.4	112.6	107.5	113.9	107.1	111.6	110.0

**TABLE M-2**  
**AVERAGE % TDG FOR 12 HIGHEST HOURS**  
**FOR AUGUST 2003**

	Chief Joseph FB	Chief Joseph TW	Low Gran FB	Low Gran TW	Little Goos FB	Little Goos TW	Low Monu FB	Low Monu TW	Ice Harb FB	Ice Harb TW	Mc Nar FB-W	Mc Nar FB-O	Mc Nar TW	John Day FB	John Day TW	The Dalles FB	The Dalles TW	BON FB	WRNO TW	Cama FB
DATE	12 HR AVE	12 HR AVE	12 HR AVE	12 HR AVE	12 HR AVE	12 HR AVE	12 HR AVE	12 HR AVE	12 HR AVE	12 HR AVE	12 HR AVE	12 HR AVE	12 HR AVE	12 HR AVE	12 HR AVE	12 HR AVE	12 HR AVE	12 HR AVE	12 HR AVE	
8/1/03	109.3	109.5	106.5	103.1	103.3	101.7	103.2	102.0	102.6	113.6	109.7	112.9	108.6	N/A	114.9	106.0	113.1	104.2	110.0	108.4
8/2/03	108.7	109.6	105.1	103.2	103	101.5	102.8	101.8	102.9	115.9	109.7	111.4	108.5	N/A	115.0	104.4	112.8	103.5	112.3	108.3
8/3/03	108.3	109.0	103.8	102.5	103.5	101.2	103.0	101.1	101.3	114.4	107.0	107.8	106.9	N/A	113.7	106.2	113.0	103.4	111.6	107.8
8/4/03	108.3	108.0	104.2	103.2	104.4	102.4	102.6	101.9	101.8	113.7	107.3	108.7	106.4	N/A	114.8	105.9	113.4	104.7	110.5	109.7
8/5/03	108.9	108.4	104.8	103.5	105.2	101.7	103.6	101.4	104.0	113.8	108.2	108.6	106.4	N/A	113.8	106.8	112.1	104.9	112.2	109.0
8/6/03	109.1	109.7	104.8	100.4	101.9	101.1	101.9	100.8	101.9	112.1	104.7	107.3	104.7	102.3	114.9	106.3	113.1	105.0	112.1	109.6
8/7/03	107.5	108.2	103.1	100.4	102.4	101.0	102.7	101.8	102.2	113.1	105.2	108.2	104.7	102.1	114.9	105.3	113.9	104.9	111.9	109.2
8/8/03	107.6	108.7	105.9	101.2	104.4	102.1	104.5	101.9	103.8	113.4	106.8	109.9	104.9	102.5	115.7	107.3	113.7	104.8	112.5	108.8
8/9/03	108.2	108.1	104.8	101.2	103.8	101.3	102.4	101.1	102.9	113.8	107.4	112.2	105.8	102.4	114.5	107.5	113.8	105.0	111.3	107.9
8/10/03	107.7	108.0	103.6	100.6	102.4	100.5	101.8	100.9	101.4	113.1	109.3	108.3	106.8	102.2	114.9	106.5	114.6	104.7	114.0	108.9
8/11/03	107.3	106.9	102.6	100.3	99.6	99.2	102.8	100.9	102.0	112.7	107.1	109.1	105.9	101.8	114.3	106.4	114.1	104.0	110.8	107.2
8/12/03	107.5	107.8	106.0	100.7	101.8	99.9	105.4	101.2	103.9	113.4	108.1	110.2	106.4	102.0	115.7	104.9	113.6	105.5	113.1	108.5
8/13/03	107.2	107.5	107.9	112.5	103.9	100.9	104.3	101.4	106.9	112.8	110.4	111.1	106.9	101.9	114.9	107.4	114.4	106.5	115.2	110.1
8/14/03	106.4	106.6	110.3	<b>128.6</b>	109.5	100.8	107.6	101.4	105.3	113.0	111.6	112.4	106.4	104.9	115.2	107.6	114.3	107.0	114.1	111.3
8/15/03	107.1	107.4	108.8	<b>130.3</b>	108.4	100.2	107.0	100.5	105.3	113.1	111.4	111.0	106.6	104.2	114.0	108.0	113.7	106.9	112.2	108.4
8/16/03	106.4	107.4	104.2	<b>128.4</b>	100.4	98.8	100.5	99.7	101.0	112.9	112.3	106.1	105.1	101.3	113.8	105.3	112.6	104.9	112.0	108.9
8/17/03	106.2	107.7	106.1	<b>129.2</b>	101.2	100.5	101.5	101.1	101.9	113.8	112.9	106.8	105.2	101.6	114.3	103.3	113.4	103.8	113.2	111.3
8/18/03	106.3	106.3	109.6	<b>130.4</b>	102.7	100.2	103.6	101.6	108.1	113.4	114.4	110.8	105.5	102.0	113.9	109.3	115.2	104.4	110.5	108.8
8/19/03	106.3	107.4	109.2	102.8	105.9	102.9	104.9	101.3	107.4	113.1	<b>115.1</b>	111.6	104.9	102.0	115.9	105.3	113.1	104.6	N/A	108.1
8/20/03	106.2	106.2	105.4	100.3	103.6	105.2	101.6	100.4	101.6	112.7	114.5	107.5	104.8	103.6	115.6	105.5	113.2	104.7	111.9	108.9
8/21/03	105.9	106.4	107.2	102.6	104.6	105.1	104.6	102.5	106.2	112.1	<b>117.1</b>	109.8	105.4	104.0	116.5	107.5	113.8	106.8	115.2	112.2
8/22/03	105.8	106.8	106.2	100.9	105.4	105.3	102.9	100.3	101.5	112.8	<b>115.4</b>	104.8	103.6	102.0	115.0	109.6	114.4	107.1	114.1	109.5
8/23/03	104.8	105.0	102.9	101.3	107.5	107.7	99.9	99.3	100.4	113.4	112.0	103.0	102.1	101.0	114.7	105.4	112.9	104.6	113.4	109.9
8/24/03	104.1	105.2	103.4	99.7	104.6	105.5	99.7	100.5	102.8	112.0	110.9	103.1	101.6	100.8	114.6	106.0	113.6	104.8	111.9	109.4
8/25/03	105.2	105.1	107.0	100.5	105.2	103.9	102.1	102.7	105.2	111.7	<b>116.4</b>	107.8	102.7	103.4	114.1	107.3	113.6	106.3	N/A	107.1
8/26/03	105.6	106.4	105.7	100.1	105.1	102.6	101.7	102.8	101.7	113.0	<b>117.1</b>	106.4	103.8	101.7	113.6	108.0	113.0	106.5	112.7	108.4
8/27/03	105.2	105.9	101.9	98.7	100.7	99.7	102.8	103.0	103.1	113.1	104.9	107.0	104.2	101.2	117.1	105.7	112.9	105.5	115.2	110.5
8/28/03	104.3	104.2	105.9	<b>122.0</b>	103.4	101.0	104.4	104.2	103.0	111.6	106.3	106.6	103.6	102.6	112.5	106.3	113.9	105.0	115.0	111.6
8/29/03	104.4	104.4	105.6	111.4	105.1	100.8	106.1	104.0	100.4	111.4	106.0	104.7	102.4	103.0	111.9	106.9	114.0	107.3	111.4	110.0
8/30/03	105.3	105.5	107.3	100.9	103.7	100.8	105.9	102.9	103.5	113.1	106.3	105.6	103.0	104.7	113.6	106.1	113.9	107.9	111.1	109.6
8/31/03	105.4	106.0	107.5	100.7	106.5	100.1	105.7	101.5	103.0	112.4	105.1	107.8	103.2	104.9	115.1	105.1	113.8	108.7	112.3	109.3
TOTALS	0	0	0	15	10	6	19	10	35	4	24	32	12	10	0	11	4	17	1	33

**TABLE M-3**  
**EXCEEDANCE TYPES TRACKING - APRIL**

	Chief Joe FB	Chief Joe TW	Low Gran FB	Low Gran TW	Little Goos FB	Little Goos TW	Low Monu FB	Low Monu. TW	Ice Harb FB	Ice Harb TW	McNar FB-W	McNar FB-O	McNar TW	John Day FB	John Day TW	The Dalle FB	The Dalles TW	BON FB	WRNO TW	Cama FB	Dwors hak	
DATE	EXCEE DANCE TYPE	EXCEED ANCE TYPE	EXCEE DANCE TYPE	EXCEE DANCE TYPE	EXCEED ANCE TYPE	EXCEED ANCE TYPE	EXCEED ANCE TYPE	EXCEED ANCE TYPE	EXCEE DANCE TYPE	EXCEE DANCE TYPE	EXCEED ANCE TYPE	EXCEED ANCE TYPE	EXCEE DANCE TYPE									
4/3/2003			spill begins	spill begins																		spill begins
4/4/2003	N/A	N/A	N/A	N/A																		N/A
4/5/2003	N/A	N/A	N/A	N/A	spill begins	spill begins																N/A
4/6/2003	N/A	N/A	N/A	N/A	N/A	N/A																N/A
4/7/2003	N/A	N/A	N/A	N/A	N/A	N/A	spill begins	spill begins														N/A
4/8/2003	N/A														N/A							
4/9/2003	N/A	spill begins	spill begins												N/A							
4/10/2003	N/A												1									
4/11/2003	N/A																					
4/12/2003	N/A	6	N/A																			
4/13/2003	N/A	6	N/A	6	N/A																	
4/14/2003	N/A	spill begins	spill begins																			
4/15/2003	N/A	N/A	1																			
4/16/2003	N/A	N/A																				
4/17/2003	N/A	N/A	6																			
4/18/2003	N/A	N/A																				
4/19/2003	N/A	N/A	6																			
4/20/2003	N/A	N/A	6																			
4/21/2003	N/A	6	N/A	N/A																		
4/22/2003	N/A	6	N/A	N/A																		
4/23/2003	N/A	6	N/A	N/A	N/A	N/A	N/A	N/A	N/A													
4/24/2003	N/A	N/A																				
4/25/2003	N/A	N/A																				
4/26/2003	N/A	6	N/A	N/A	N/A	N/A	N/A	N/A	N/A	9												
4/27/2003	N/A	6	N/A	N/A	N/A	N/A	N/A	N/A	9													
4/28/2003	N/A	6	N/A	N/A	6																	
4/29/2003	N/A	N/A	6																			
4/30/2003	N/A	N/A	6																			

**TABLE M-3**  
**EXCEEDANCE TYPES TRACKING - MAY**

	Chief Joe FB	Chief Joe TW	Low Gran FB	Low Gran TW	Little Goos FB	Little Goos TW	Low Monu FB	Low Monu. TW	Ice Harb FB	Ice Harb TW	McNar FB-W	McNar FB-O	McNar TW	John Day FB	John Day TW	The Dalle FB	The Dalles TW	BON FB	WRNO TW	Cama FB	Dwors hak	
DATE	EXCEE DANCE TYPE	EXCEED DANCE TYPE	EXCEE DANCE TYPE	EXCEE DANCE TYPE	EXCEE DANCE TYPE	EXCEE DANCE TYPE	EXCEED DANCE TYPE	EXCEE DANCE TYPE														
5/1/2003	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	6	N/A	
5/2/2003	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	6	N/A	7	7	N/A	N/A	N/A	N/A	N/A	N/A	6	N/A	6	N/A
5/3/2003	N/A	N/A	N/A	N/A	N/A	N/A	6	N/A	6	N/A	7	N/A	N/A	N/A								
5/4/2003	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
5/5/2003	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
5/6/2003	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
5/7/2003	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
5/8/2003	N/A	N/A	N/A	N/A	N/A	N/A	N/A	6	N/A	N/A	N/A											
5/9/2003	N/A	N/A	N/A	N/A	N/A	N/A	N/A	6	N/A	N/A	N/A											
5/10/2003	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
5/11/2003	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	6	N/A	6	N/A	N/A									
5/12/2003	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	6	N/A	N/A	N/A										
5/13/2003	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	6	N/A	6	N/A	N/A									
5/14/2003	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	6	N/A	N/A	N/A										
5/15/2003	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	6	N/A	N/A	N/A										
5/16/2003	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
5/17/2003	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
5/18/2003	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
5/19/2003	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
5/20/2003	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	6	N/A	6	N/A	N/A									
5/21/2003	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	6	6	N/A	N/A	7	6	N/A	N/A	N/A	N/A	6	N/A	6	N/A
5/22/2003	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	6	N/A	7	7	6	N/A	N/A	N/A	N/A	6	N/A	6	N/A	N/A
5/23/2003	N/A	N/A	N/A	N/A	N/A	N/A	6	N/A	6	N/A	7	7	N/A	6	N/A	6	N/A	N/A	6	N/A	6	N/A
5/24/2003	N/A	N/A	N/A	N/A	N/A	N/A	6	6	6	N/A	7	7	N/A	6	N/A	6	N/A	6	N/A	6	N/A	N/A
5/25/2003	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	6	N/A	7	7	N/A	6	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
5/26/2003	N/A	N/A	N/A	1	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	7	N/A	N/A	N/A						
5/27/2003	N/A	N/A	N/A	1	N/A	N/A	N/A	N/A	1	N/A	1	N/A	1	N/A	N/A	N/A						
5/28/2003	N/A	N/A	N/A	1	1	N/A	1	1	N/A	1	N/A	1	N/A	1	N/A	N/A						
5/29/2003	N/A	N/A	N/A	1	1	1	1	1	1	1	11	11	1	N/A	6	N/A	6	10	10	N/A	6	N/A
5/30/2003	N/A	N/A	N/A	1	1	1	1	1	1	1	N/A	11	1	N/A	N/A	N/A	N/A	6	N/A	6	N/A	N/A
5/31/2003	N/A	N/A	N/A	1	1	1	1	1	1	1	N/A	N/A	1	N/A	N/A	N/A	N/A	N/A	N/A	6	N/A	N/A

**TABLE M-3**  
**EXCEEDANCE TYPES TRACKING - JUNE**

	Chief Joe FB	Chief Joe TW	Low Gran FB	Low Gran TW	Little Goos FB	Little Goos TW	Low Monu FB	Low Monu. TW	Ice Harb FB	Ice Harb TW	McNar FB-W	McNar FB-O	McNar TW	John Day FB	John Day TW	The Dalle FB	The Dalles TW	BON FB	WRNO TW	Cama FB	Dwors hak	
DATE	EXCEE DANCE ANCE TYPE	EXCEED DANCE TYPE	EXCEE DANCE TYPE	EXCEE DANCE TYPE	EXCEE DANCE ANCE TYPE	EXCEE DANCE TYPE	EXCEED DANCE TYPE	EXCEE DANCE TYPE	EXCEE DANCE TYPE	EXCEE DANCE TYPE	EXCEE DANCE ANCE TYPE	EXCEE DANCE ANCE TYPE	EXCEE DANCE TYPE									
6/1/2003	N/A	N/A	N/A	1	1	1	1	1	1	N/A	N/A	1	N/A	N/A	N/A	N/A	N/A	N/A	6	N/A		
6/2/2003	N/A	N/A	N/A	1	1	1	1	1	N/A	11/12	11/12	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
6/3/2003	N/A	N/A	N/A	1	1	1	1	1	N/A	11/12	11/12	N/A	1	N/A	1	N/A	1	N/A	1	N/A	1	
6/4/2003	N/A	N/A	N/A	N/A	1	N/A	1	N/A	1	11/12	11/12	N/A	1	N/A	N/A	N/A	N/A	1	N/A	1	N/A	
6/5/2003	N/A	N/A	N/A	N/A	1	N/A	1	N/A	1	11/12	11/12	N/A	6	N/A	6	N/A	6	N/A	6	N/A	6	
6/6/2003	N/A	N/A	N/A	N/A	1	N/A	1	N/A	1	11/12	11/12	N/A	6	N/A	6	6	6	N/A	6	N/A	6	
6/7/2003	N/A	N/A	N/A	N/A	N/A	N/A	6	N/A	6	N/A	11/12	11/12	N/A	6	N/A	6	6	N/A	6	N/A	6	
6/8/2003	N/A	N/A	N/A	N/A	N/A	N/A	6	N/A	6	N/A	11/12	11/12	N/A	6	N/A	6	6	N/A	6	N/A	6	
6/9/2003	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	6	N/A	11/12	11/12	N/A	6	N/A							
6/10/2003	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	4	
6/11/2003	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
6/12/2003	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
6/13/2003	N/A	N/A	N/A	N/A	N/A	N/A	10	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
6/14/2003	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	4	
6/15/2003	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	6	N/A	
6/16/2003	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	6	
6/17/2003	N/A	N/A	N/A	N/A	N/A	N/A	6	N/A	6	N/A	7/10	7/11	N/A	N/A	N/A	6	6	6	N/A	6	N/A	
6/18/2003	N/A	N/A	N/A	N/A	N/A	N/A	6	N/A	6	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
6/19/2003	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	6	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	3	
		spill ends	spill ends	spill ends	spill ends	spill ends	N/A	N/A		spill ends	spill ends	spill ends	N/A									
6/20/2003	N/A	N/A	spill ends	spill ends	spill ends	spill ends	N/A	N/A		spill ends	spill ends	spill ends	N/A									
6/21/2003	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
6/22/2003	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
6/23/2003	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
6/24/2003	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	6	
6/25/2003	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
6/26/2003	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
6/27/2003	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
6/28/2003	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A		N/A	N/A	7/12	7/12	N/A	6							
6/29/2003	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A		N/A	N/A	7/12	7/12	N/A								
6/30/2003	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	

**TABLE M-3**  
**EXCEEDANCE TYPES TRACKING - JULY**

**TABLE M-3**  
**EXCEEDANCE TYPES TRACKING - AUGUST**

	Chief Joe FB	Chief Joe TW	Low Gran FB	Low Gran TW	Little Goos FB	Little Goos TW	Low Monu FB	Low Monu. TW	Ice Harb FB	Ice Harb TW	McNar FB-W	McNar FB-O	McNar TW	John Day FB	John Day TW	The Dalle FB	The Dalles TW	BON FB	WRNO TW	Cama FB	Dwors hak
DATE	EXCEE DANCE TYPE	EXCEED	EXCEE DANCE TYPE	EXCEE DANCE TYPE	EXCEED	EXCEE DANCE TYPE	EXCEE DANCE TYPE	EXCEED	EXCEE DANCE TYPE	EXCEE DANCE TYPE	EXCEED	EXCEE DANCE TYPE									
8/1/2003	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
8/2/2003	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
8/3/2003	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
8/4/2003	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
8/5/2003	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
8/6/2003	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
8/7/2003	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
8/8/2003	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
8/9/2003	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
8/10/2003	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
8/11/2003	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
8/12/2003	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
8/13/2003	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
8/14/2003	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
8/15/2003	N/A	N/A	N/A	N/A	3	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
8/16/2003	N/A	N/A	N/A	N/A	3	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
8/17/2003	N/A	N/A	N/A	N/A	3	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
8/18/2003	N/A	N/A	N/A	N/A	3	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
8/19/2003	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	9	N/A								
8/20/2003	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
8/21/2003	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	9	N/A								
8/22/2003	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	9	N/A								
8/23/2003	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
8/24/2003	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
8/25/2003	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	9	N/A								
8/26/2003	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	9	N/A								
8/27/2003	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
8/28/2003	N/A	N/A	N/A	N/A	3	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
8/29/2003	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
8/30/2003	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
8/31/2003	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	spill ends	spill ends	N/A	N/A	N/A	N/A	N/A	spill ends					
Total # of Exceedances	0	0	0	15	10	6	19	10	35	4	24	32	12	10	0	11	4	17	1	33	15 hours